



GUARD

Protocols



Buffers/Media

LB medium

- Sodium Chloride 10 g/L
- Tryptone 10 g/L
- Yeast extract 5 g/L

For agar:

- BacAgar (1%) 15 g/L

SOB medium

- Sodium Chloride 0.5 g/L
- Tryptone 20 g/L
- Yeast extract 5 g/L
- Potassium chloride (1M) 2.5 mL/L or 0.186 g/L

SOC medium

- Sodium Chloride 0.5 g/L
- Tryptone 20 g/L
- Yeast extract 5 g/L
- Potassium Chloride (1M) 2.5 mL/L or 0.186 g/L
- Magnesiumchloride (hexahydrate) 2.03 g/L
- Glucose 3.60 g/L

Antibiotic concentrations

Antibiotics	Concentration	Concentration putida
Ampicillin	100µg/ml	
Kanamycin	20µg/ml	50µg/ml
Tetracyclin	12.5µg/ml	
Chloramphenicol	25µg/ml	

